

August 23, 1953

Dr. Burton A. Waisbren  
208 East Wisconsin Avenue  
Milwaukee, Wisconsin

Dear Dr. Waisbren:

Your ms. and letter of the 13th were on my desk when I returned from a brief trip West.

I have not had time to give your ms. as careful a study as I should to make any intelligent comment on it. In fact, I shall be quite busy during the next several weeks catching up on accumulated work, and preparing for the next academic session. If it would be convenient for you, perhaps you might call to arrange a visit about October 10 or 17, by when these pressures should have been relaxed.

As you point out yourself, your diagram has little in common with the chromosome mapping developed in crossing studies, and I would suggest that your use of this term in the title and the paper would lead to considerable confusion. It is not clear ~~to what~~ extent the correlations of resistance are the result of separate repetitive mutations of entirely independent genetic factors, or to the coordinate effects of individual single changes. The most extensive recent work on this subject has been reported by W. Szybalski and V. Bryson, J. Bact., 64:489, 1952. In fact, I imagine that either Szybalski or Bryson could discuss your work more informedly than I could hope to. They may be addressed at the Long Island Biological Laboratory, Cold Spring Harbor, L.I., N.Y.

Yours sincerely,

Joshua Lederberg  
Associate Professor of Genetics

P.S. I wonder whether you have made the acquaintance of Dr. Barbara Wesley Catlin, in the Microbiology Department at Marquette, who has been in close touch with the Cold Spring Harbor group.

JL